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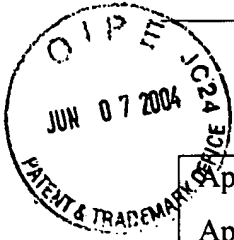
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## TRANSMITTAL

Applicant	: John F. Gordon	<b>CERTIFICATE OF MAILING</b>  I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: United States Patent and Trademark Office, PO Box 1450, Alexandria, VA 22313-1450, on  <u>June 4, 2004</u> (Date)  <u>Russell M. Jeide</u> Russell M. Jeide, Reg. No. 54,198
Appl. No.:	: 09/991,863	
Filed	: November 16, 2001	
Examiner	: Z. V. Smith	
Group Art Unit	: 2877	
For	: APPARATUS AND METHOD FOR CARRYING OUT ANALYSIS OF SAMPLES USING RADIATION DETECTOR OUTPUT RATIOS	

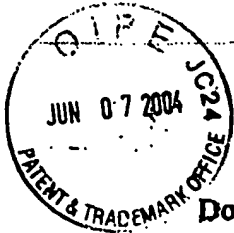
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Power of Attorney from Nagaoka & Co., Ltd., partial assignee, in 1 page.
- (X) Power of Attorney from Burstein Technologies, Inc., partial assignee, in 1 page.
- (X) Statement under 37 CFR 3.73(b) in 2 pages, with attached copy of assignment in 1 pages.
- (X) Return prepaid postcard.
- (X) Please charge any fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Russell M. Jeide  
Registration No. 54,198  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550



Docket No.: NAGACO

Customer No. 20995

### POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is an empowered representative of a partial Assignee having a right, title and interest in an application or patent. As defined by 37 C.F.R. § 3.71(b)(2), said partial Assignee is of record and obtains less than the entire right, title and interest in the application or patent referred to in the attached Statement Under 37 C.F.R. § 3.73(b).

By this paper, the Assignee is revoking any previous powers of attorney granted by the Assignee and granting power of attorney to Knobbe, Martens, Olson & Bear, LLP for the purposes of continued prosecution of an application or patent co-owned by an individual or company under the representation of Knobbe, Martens, Olson & Bear, LLP. This paper does not serve as an agreement or acknowledgement of legal representation by Knobbe, Martens, Olson & Bear, LLP. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 CFR § 3.71.

A Statement Under 37 CFR 3.73(b), signed by a registrant of Knobbe, Martens, Olson & Bear, LLP, is attached setting forth a full chain of title for the subject application owned by the Assignee named below.

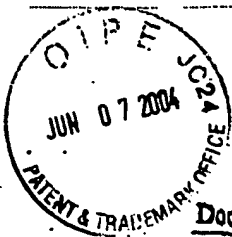
By: 

Date: 

Name: Richard Burstein

Title: CEO

Assignee: BURSTEIN TECHNOLOGIES, INC.  
163 West Technology Dr., Ste. 200  
Irvine, California 92618



Docket No.: NAGAOKA

Customer No. 20995

### POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is an empowered representative of a partial Assignee having a right, title and interest in an application or patent. The Assignee hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995, as attorneys and agents to represent the Assignee before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned in whole or in part to the Assignee according to the USPTO assignment records or assignment documents supplied with an accompanying Statement Under 37 CFR 3.73(b). This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 CFR § 3.71.

A Statement Under 37 CFR 3.73(b), signed by a registrant of Knobbe, Martens, Olson & Bear, LLP, is attached setting forth a full chain of title for the subject application partially owned by the Assignee named below.

Please change the correspondence address for the above-identified application to Customer No. 20995.

By: H. Kitamura

Date: March 2nd, 2004

Name: HIDEO KITAMURA

Title: EXECUTIVE MANAGING DIRECTOR

Assignee: NAGAOKA & CO., LTD.  
7-18, Nishinomiyahama 4-Chome, Nishinomiya-Shi, Hyogo,  
Japan 662-0934



NAGA.CO.75C1C6D1

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : John F. Gordon  
Appl. No.: : 09/991,863  
Filed : November 16, 2001  
Examiner : Z. V. Smith  
Group Art Unit : 2877  
For : APPARATUS AND METHOD  
FOR CARRYING OUT  
ANALYSIS OF SAMPLES USING  
RADIATION DETECTOR  
OUTPUT RATIOS

**STATEMENT UNDER 37 C.F.R. § 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Nagaoka & Co., LTD., a Japanese Corporation, states that it is an assignee of one half of the entire right, title and interest in the above-referenced patent application by virtue of a chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. All right, title, and interest was assigned from the inventor John Francis Gordon to University Court of the University of Glasgow, for which a copy thereof is attached.
2. All right, title, and interest was assigned from University Court of the University of Glasgow. to Burstein Technologies, Inc. The document was recorded in the United States Patent and Trademark Office at Reel 013832, Frame 0554.
3. An undivided one half of the entire right, title, and interest was assigned from Burstein Technologies, Inc. to Nagaoka & Co., LTD. The document was recorded in the United States Patent and Trademark Office at Reel 014192, Frame 0310.

Appl. No.: : 09/991,863  
Group Art Unit : 2877

For the attached Assignment that has not yet been recorded by the Assignment Division of the U.S. Patent and Trademark Office, a separate copy of the assignment is being submitted to the Assignment Division in accordance with 37 C.F.R. Part 3 to be recorded in the records of the U.S. Patent and Trademark Office.

The undersigned, whose title is supplied below, is authorized to act on behalf of the assignee. Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: June 4, 2004

By: Russell M. Jeide  
Russell M. Jeide  
Registration No. 54,198  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

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SOLE OR JOINT

A S S I G N M E N T

WHEREAS, I, JOHN FRANCIS GORDON, of 5 Park Crescent, Torrance, Glasgow G64 4BH, United Kingdom, have invented an APPARATUS AND METHOD FOR CARRYING OUT ANALYSIS OF SAMPLES for which I am about to make application for Letters Patent of the United States of America, and

WHEREAS, THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, a corporation of the United Kingdom, having its principal place of business at University Avenue, No. 2 The Square, Glasgow G12 8QQ, United Kingdom, desires to acquire the entire right, title and interest in and to said invention:

**APPARATUS AND METHOD FOR CARRYING OUT ANALYSIS OF SAMPLES**

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, JOHN FRANCIS GORDON, by these presents do sell, assign and transfer unto said corporation, its successors and assigns, all right, title and interest in the United States of America and all foreign countries in and to said invention as described in the patent application, executed by me on the 16th day of April, 1997, (and I hereby authorize my attorneys, authorized to prosecute said application to here insert the filing date and serial number of the said application, as soon as it is known, Serial No. 08/809,402, filed March 21, 1997), and to any improvements on said invention heretofore or hereafter made while I am in the employ of said corporation, and any divisions or continuations of said application, and all Patents, United States and foreign, granted upon any such applications or for the inventions described therein, and any reissues or extensions of said Patents; and I hereby authorize and request the Commissioner of Patents to issue all Patents on said United States applications to said corporation as assignee thereof.

FOR SAID CONSIDERATIONS, I hereby covenant and agree that I am the owner of the full title herein assigned and have the right to assign the same, and agree that I will communicate to said corporation or its representatives, any facts known to me respecting said invention or inventions and testify in any legal proceedings relating thereto when called upon, and will sign all instructions and documents and render such assistance which in the judgement of said corporation is necessary to vest in it and protect the legal title sought to be assigned.

Date

16th Apr 1997

JOHN FRANCIS GORDON

John Gordon